



Scenario 3: SAGA-Pilot 'SOA' 'Remote'

Application Host ('User's Laptop', Gateway VM, ...)

Application

Pilot API (Client)

SAGA-Pilot Service Host

REST API

Provisioner

SAGA-Python

REST API

Workload Manager

REST API

Persist ency

HPC Cluster

<http(s)>

<http(s)>

<http(s)>

<http(s)>

Scenario 4: SAGA-Pilot 'SOA' 'Local'

HPC Cluster

Application

Pilot API (Client)

SAGA-Pilot Service Host

REST API

Workload Manager

REST API

SAGA-Python

Provisioner

REST API

Persist ency

<ssh>

<http(s)>

<http(s)>

<http(s)>

Scenario 5: SAGA-Pilot 'SOA' 'AdHoc'

HPC cluster -or- Application Host ('User's Laptop', Gateway VM, ...)

Application

Pilot API (Client)

REST API

Provisioner

SAGA-Python

REST API

Workload Manager

REST API

Temp. Persist ency

HPC Cluster

<http(s)>

<http(s)>

<http(s)>

<http(s)>

<http(s)>

<http(s)>

Scenario 1a: BigJob 'Remote' App. Disconnected

HPC Cluster

Redis Host

<raw redis>

Scenario 2a: BigJob 'Local' App. Disconnected

HPC Cluster

Redis Host

<raw redis>

Scenario 3a: SAGA-Pilot 'SOA' 'Remote' App. Disconnected

SAGA-Pilot Service Host

REST API

Provisioner

SAGA-Python

REST API

Workload Manager

REST API

Persist ency

HPC Cluster

<http(s)>

<http(s)>

<http(s)>

Scenario 4a: SAGA-Pilot 'SOA' 'Local' App. Disconnected

SAGA-Pilot Service Host

REST API

Provisioner

SAGA-Python

REST API

Workload Manager

REST API

Persist ency

HPC Cluster

<http(s)>

<http(s)>

<http(s)>

Scenario 5a: SAGA-Pilot 'SOA' 'AdHoc' App. Disconnected

HPC cluster -or- Application Host ('User's Laptop', Gateway VM, ...)

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